William C Merrick

List of Publications by Year
in descending order

32 papers	1,478 citations	430874 18 h-index	552781 26 g-index
33 all docs	33 docs citations	33 times ranked	2057 citing authors

#	Article	IF	Citations
1	Adaptive translational pausing is a hallmark of the cellular response to severe environmental stress. Molecular Cell, 2021, 81, 4191-4208.e8.	9.7	18
2	A Retrospective on eIF2Aâ€"and Not the Alpha Subunit of eIF2. International Journal of Molecular Sciences, 2020, 21, 2054.	4.1	43
3	Rocaglates Induce Gain-of-Function Alterations to eIF4A and eIF4F. Cell Reports, 2020, 30, 2481-2488.e5.	6.4	48
4	Protein Synthesis Initiation in Eukaryotic Cells. Cold Spring Harbor Perspectives in Biology, 2018, 10, a033092.	5.5	230
5	A Unique ISR Program Determines Cellular Responses to Chronic Stress. Molecular Cell, 2017, 68, 885-900.e6.	9.7	135
6	The Celebration of 40 years of structural biology at Aarhus University as seen through the eyes of a translationalist. New Biotechnology, 2017, 38, 26-28.	4.4	0
7	The eIF2A knockout mouse. Cell Cycle, 2016, 15, 3115-3120.	2.6	30
8	Ternatin and improved synthetic variants kill cancer cells by targeting the elongation factor-1A ternary complex. ELife, 2015, 4, .	6.0	39
9	eIF4F: A Retrospective. Journal of Biological Chemistry, 2015, 290, 24091-24099.	3.4	128
10	Control not at initiation? Bah, humbug!. EMBO Journal, 2014, 33, 3-4.	7.8	13
11	Rapid kinetics of iron responsive element (IRE) RNA/iron regulatory protein 1 and IRE-RNA/eIF4F complexes respond differently to metal ions. Nucleic Acids Research, 2014, 42, 6567-6577.	14.5	21
12	Influence of translation factor activities on start site selection in six different mRNAs. Translation, 2013, 1, e24419.	2.9	13
13	Iron induced eukaryotic initiation factor/ mRNA binding affinity change. FASEB Journal, 2012, 26, .	0.5	0
14	The interaction between eIF4F and iron response protein with IREâ€mRNA. FASEB Journal, 2011, 25, 703.2.	0.5	0
15	GTP-independent tRNA Delivery to the Ribosomal P-site by a Novel Eukaryotic Translation Factor. Journal of Biological Chemistry, 2010, 285, 26779-26787.	3.4	144
16	Eukaryotic Protein Synthesis: Still a Mystery. Journal of Biological Chemistry, 2010, 285, 21197-21201.	3.4	54
17	Introduction to the Thematic Minireview Series on Protein Synthesis. Journal of Biological Chemistry, 2010, 285, 21195-21196.	3.4	1
18	A possible mechanism for the regulation of IRESâ€mediated expression by eIF2A. FASEB Journal, 2010, 24, 467.5.	0.5	0

#	Article	IF	Citations
19	Use of Reticulocyte Lysates for Mechanistic Studies of Eukaryotic Translation Initiation. Methods in Enzymology, 2007, 429, 1-21.	1.0	9
20	Use of biâ€cistronic mRNAs, translation factors and reticulocyte lysate. FASEB Journal, 2006, 20, A852.	0.5	0
21	Ribosomal protein L13a inhibits translation by blocking the formation of 80S complex on the GAIT element containing mRNA: Dependence on the translation initiation factor eIF4G. FASEB Journal, 2006, 20, A108.	0.5	0
22	Novel Characteristics of the Biological Properties of the Yeast Saccharomyces cerevisiae Eukaryotic Initiation Factor 2A. Journal of Biological Chemistry, 2005, 280, 15601-15611.	3.4	49
23	Cap-dependent and cap-independent translation in eukaryotic systems. Gene, 2004, 332, 1-11.	2.2	218
24	Initiation of protein biosynthesis in eukaryotes. Biochemistry and Molecular Biology Education, 2003, 31, 378-385.	1.2	10
25	Characterization of Mammalian eIF2A and Identification of the Yeast Homolog. Journal of Biological Chemistry, 2002, 277, 37079-37087.	3.4	64
26	Comparative efficiencies of C-terminal signals of native glycophosphatidylinositol (GPI)-anchored proproteins in conferring GPI-anchoring. Journal of Cellular Biochemistry, 2002, 84, 68-83.	2.6	35
27	The NS5A protein of bovine viral diarrhoea virus interacts with the Î± subunit of translation elongation factor-1. Journal of General Virology, 2001, 82, 2935-2943.	2.9	48
28	DNA binding activity of the mammalian translation elongation complex: recognition of chromium- and transplatin-damaged DNA. Archives of Toxicology, 1997, 71, 450-454.	4.2	12
29	Purification and characterization of leukotriene A4hydrolase from human epidermis. FEBS Letters, 1995, 358, 316-322.	2.8	17
30	Phospholipid-sensitive Ca2+ -dependent protein kinase phosphorylates the Î² subunit of eukaryotic initiation factor 2 (eIF-2). FEBS Letters, 1983, 159, 167-170.	2.8	52
31	Mycoplasmas induce collagenase in BALB/c 3T3 cells. Nature, 1981, 292, 855-857.	27.8	19
32	Identification of Initiation Factors and Ribosome-Associated Phosphoproteins by Two-Dimensional Polyacrylamide Gel Electrophoresis. FEBS Journal, 1979, 96, 277-286.	0.2	28